

Special Issue

Applications of Array Antenna in Modern Wireless Systems

Message from the Guest Editors

With the rapid development of wireless systems, array antennas have attracted more and more interest due to the fact that they are critical and inevitable parts of systems. Wideband array antennas are widely used in the applications of 5G/6G base stations and point-to-point communication systems to provide fast data transfer. Phased array antennas with steering beams play a significant role in practical applications, such as 5G mm Wave handsets, mobile SATCOM terminals, radar, etc. However, it is still a challenge for array antennas to fulfill the requirements of various systems. Thus, many novel technologies, including meta-surfaces, tightly coupled methods, and gap waveguides are being employed along with array antennas to achieve innovative performances. The aim of the Special Issue “Applications of Array Antenna in Modern Wireless Systems” is to seek innovative and scientific research on array antennas. In this Special Issue, both original research articles and reviews are welcome. We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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